

S2

THE S-SERIES
RETURNS!



X1
ARCHITECTURE

LATEST
PROCESSOR

DUAL-TOROID
POWER SUPPLY

NEW DIGITAL
INPUTS

ES9038PRO
DUAL DAC

DUAL FEMTO
CLOCKS

LUMIN

S2

LUMIN



X1 TECHNOLOGY, EVOLVED
FOR A NEW GENERATION OF
LUMIN PLAYER WITH THE
LATEST PROCESSOR AND
BRAND NEW DIGITAL INPUTS.

AWARD-WINNING X1
ARCHITECTURE

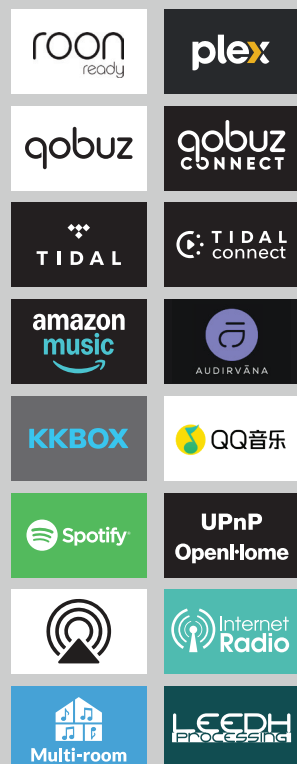
X1 DUAL ES9038PRO SABRE
DAC FEATURING DUAL-MONO
OPERATION

X1 ANALOGUE OUTPUT STAGE
INCLUDING LUNDAHL OUTPUT
TRANSFORMERS

DUAL-TOROID POWER SUPPLY
NOW ADAPTED AND
SHIELDED FOR INTERNAL
HOUSING

NEW DIGITAL INPUTS OPEN
UP THE UNIQUE LUMIN
ES9038PRO DAC
IMPLEMENTATION TO
EXTERNAL DIGITAL SOURCES

USB DIGITAL AUDIO OUTPUT
SUPPORTS NATIVE DSD512



LUMIN: 350mm (W), 350mm (D),
60.5mm (H), 8kg

NETWORK PLAYBACK:

Up to DSD512
Up to 384kHz, 16–32-bit, Stereo
MQA Full Decoding

DIGITAL INPUT:

OPTICAL/COAXIAL:
PCM 44.1kHz–192kHz, 16–24-bit
DSD64 (DoP64, DSD over PCM)

DIGITAL OUTPUT:

USB:
Native DSD512 support
PCM 44.1–384kHz, 16–32-bit, Stereo

ANALOGUE OUTPUT:

Dual ESS SABRE32 ES9038Pro DAC chips
Fully balanced layout with high-quality
components
Output connectors coupled with dual
LUNDAHL LL7401 output transformers
Femto Clock System with precision FPGA
distribution
XLR balanced, 6Vrms, pin 2 Hot
RCA unbalanced, 3Vrms

OPTICAL NETWORK:

Industry-standard SFP
1000Base-T Gigabit Ethernet
Adapter may be needed for your particular
switch/cables
Use simultaneously with RJ45 (e.g.
connect one to router and one to LUMIN
L2 or NAS)

OTHER INPUTS:

RJ45 1000Base-T Gigabit Ethernet
Shared USB ports can also be used for storage,
flash drive, USB hard disk (Single-partition
FAT32, exFAT and NTFS only)

POWER SUPPLY:

Internal dual-toroid
Separate digital & analogue circuitry
Low-noise linear regulator

UPSAMPLING RATES & BIT DEPTHS:

DSD256 upsampling option for all files
PCM 384kHz upsampling option for all files

SUPPORTED AUDIO FILE FORMATS:

DSF (DSD), DFF (DSD), DoP (DSD)
FLAC, Apple Lossless (ALAC), WAV, AIFF
MQA, MP3, AAC (in M4A container)

SUPPORTED CONTROL DEVICES:

Apple iOS devices. iOS 15.0 or later required
Android devices. Android 6.0 (Marshmallow) or
later required
Apple Silicon. macOS 15 or later
Chromebook. Google Play Store required.

STREAMING PROTOCOL:

UPnP AV protocol with audio streaming
extension (OpenHome). Roon Ready. Plex.
Plays with Audirvana. Spotify Connect. TIDAL
Connect. Qobuz. FLAC Lossless Radio. Tuneln
Radio. AirPlay 2. QPlay-compatible for
QQMusic. Gapless Playback. On-Device
Playlist. Multi-Room (Songcast)

APP FEATURES:

Native support for TIDAL, MQA, Qobuz,
Amazon Music, KKBox and Tuneln Radio. Tidal
MQA icons to identify high-res music. Qobuz
high-res icons to identify high-res music.
Volume control. High-resolution artwork.
Artwork caching. Search. Multiple tag handling.
Composer tag support. Album-grouping in
playlist. Automatic internet links to
artists/album/songs. Saving and restoring of
playlists (including Tidal and Qobuz)

FINISH:

Silver or Black anodised aluminium

OTHER:

Leedh Processing lossless digital volume
control
MQA QRONO d2a filters available for all PCM
music (excluding via AirPlay)
Programme of Continuous Development –
Firmware-upgradable for further features and
enhancements

See website for latest software
and app specification

WWW.LUMINMUSIC.COM